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| --- | --- | --- | --- | --- | --- |
| **Week/ Date** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **Jan**  **7-11**  **Class** | Teacher Workday **No Students** | Factoring Review | More Review | Quadratic Equations | 7.2 Quadratic Forms: Vertex and Intercept (2 handouts) |
| **Hmwk** |  | **HW #1**  [factoring practice 1](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\factoring%20practice%201.docx) | **HW #2**  [factoring : quadratic form](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\Factoring%20Quadratic%20Form.pdf) | **HW #3**  [Graphing Quad's 3 forms.pdf](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\Alg2H\Ch%207\Graphing%20Quad's%203%20forms.pdf) | **HW #4**  7.2: 1-6 |
| **Jan**  **14-18**  **Class** | 7.2 Quadratic Forms From one form to another | Standard form,  7.3 Completing  the Square,  And the Quadratic formula | Standard form and  Imaginary Solutions | Graphs of Quadratic functions- all forms  And complex numbers  [Quad Review](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\Quad%20review.docx) | Graphs of Quadratic functions- all forms   [Quad Review](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\Quad%20review.docx)  **Mastery Quiz?** |
| **Hmwk** | **HW #5**  7.2: 7-9 | **HW #6**  7.3:1-3, 5 |  | **HW #7**  7.5: 1(a,b).2(a,c),3-5 |  |
| **Jan**  **21-25**  **Class** | MLK Day **School Closed** | [Quadratic\_Functions\_and\_Stopping\_Distance.zip](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\Quadratic_Functions_and_Stopping_Distance.zip)  [Maximizing the area of a garden.zip](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\Maximizing%20the%20area%20of%20a%20garden.zip) | Projectile Motion Function – October Sky | Quadratic applications | Quadratic applications |
| **Hmwk** | Edline period ends Friday | **HW #8**  7.2: 10 (a,c,d), 11,12 | **HW #9**  7.3: 7-11 | [Quadratic mix.docx](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\Quadratic%20mix.docx) | **HW #10**  7.4: 1,2(a),3,5(c,d),6-10 |
| **Jan 28 –**  **Feb 1**  **End of 4 weeks** | Quadratic applications | [4 quad prob's.docx](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\4%20quad%20prob's.docx)  Quad Applications Worksheet:23-26 | **Quiz** |  | Review |
| **Hmwk** | **HW #11**  Quad Applications Worksheet #’s 5-7,9, 13, 14 |  | **HW #12**  Quad Applications Worksheet: 15-21 | **HW #13**  Ch. Review  1,2 4(a-c),5(a-c)6a,10,12 |  |
| **Feb 4-8**  **Class** | **Quadratics Test** | Ball and Ramp:  [Thelma and Louise](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\Thelma%20and%20Louise.docx) | Bonus problems  [Quadratics Bonus problems.docx](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\Quadratics%20Bonus%20problems.docx) | [Ch 7\Box Problem.docx](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\Box%20Problem.docx) PLAN testing – no class | [Ch 7\Box Problem.docx](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\Box%20Problem.docx) |
| **Hmwk** |  |  | **HW #14**  none | **HW #15** | **HW #16**  Introduction to Polynomials II and III |
| **Feb 11-15**  **Class** | 7.6  Graphing Polynomial functions | 7.7[Polynomials](C:\\Documents and Settings\\marianne.lecesne\\Desktop\\PCH 2010\\Ch 7\\poly equations from graphs.docx)  [Equations from graphs](C:\\Documents and Settings\\marianne.lecesne\\Desktop\\PCH 2010\\Ch 7\\poly equations from graphs.docx)  Polynomials: roots and solutions | 7.7/7.8  Factor Theorem and Rational Root theorem | Factor Theorem and Rational Root theorem  [Pass the Poly's](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\Pass%20the%20Polynomials,%20please.docx) | Finding all roots |
| **Hmwk** | **HW #17**  7.6: 1(c,d), 3(c,d),4,7-9  :[Ch 7\poly investigate.doc](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\poly%20investigate.doc) | **HW #18**  7.7:1-4, 6 | **HW #19**  7.7:5,7,8, 11,12 | **HW #20**  7.8: 1-5, 7-9 | **HW #21**  7.8: 10-12 and finish classwork |
| **Feb 18-22**  **Class** | Presients' Day **School Closed** | Finding all roots | [Pondering Polynomials](Ch%207/Pondering%20Polynomials-2013.docx):  #’s4(d-h,j), 6-8 | Pondering Polynomials:  #’s 3,10-12 | Pondering Polynomials:  #’s 1(e),4(l,m) 16, |
| **Hmwk** |  | **HW #22**  [Phactoring Polynomials](Ch%207/finding%20all%20roots%20Practice%202011%20day%201%20(phactoring).doc) Wksheet  #’s1-4(front)  #’s 3 and 9 (back) | **HW #23**  Pondering Polynomials: #’s 4©,5,9 | **HW #24**  Pondering Polynomials:  #’s13,17,18 | **HW #25**  Ch. Review:4(d),5(d-f),6(b-d),7,11 |
| **Feb 25 –**  **Mar 1**  **End of 8 weeks** | **Review** | Review | **Poly Test** | Bonus problems  [Polynomial problem set day after test[1].doc](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch%207\Polynomial%20problem%20set%20day%20after%20test%5b1%5d.doc) | Distance formula  8.1: 8-11 |
| **Hmwk** |  |  |  | **HW #25**  8.1: 1,4 | **HW #26**  8.1: 8-11 |
| **Mar 4-8** | **SP** | **RI** | **NG** | **BR** | **EAK** |
| **Mar**  **11-15**  **Class** |  | Distance formula  8.1: 8-11  Definitions with string: circles, ellipses, | Circles and Elipses  [Ellipses.pdf](Ch%208/Ellipses.pdf)  **HW #27**  8.1: 7-12 | [Ch 8\Equations of Ellipses.pdf](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\Alg2H\Ch%208\Equations%20of%20Ellipses.pdf)  hyperbolas (conic paper) | 8.4: 1-5  hyperbolas  8.4:10  [Ch 8\Hyperbolas (with ans. sheet).pdf](Ch%208/Hyperbolas%20(with%20ans.%20sheet).pdf) |
| **Hmwk** |  | **HW #27**  8.1: 12  8.2:1(c,e,f),2,3 | **HW #28**  8.2 : 4-6 | **HW #29**  [Ch 8\Circles and Ellipses Assignment#29.pdf](Ch%208/Circles%20and%20Ellipses%20%20Assignment#29.pdf) | **HW #30**  8.4: 6-9,11-13 |
| **Mar**  **18-22**  **Class** | \parabolas, using conic paper and patty paper  [Ch 8\Equations of Parabolas.pdf](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\Alg2H\Ch%208\Equations%20of%20Parabolas.pdf) | Parabolas  [Parabola 2.doc](Ch%208/Parabola%202.doc) | **Mastery Quiz**  Systems of Equations | Systems of Equations | 8.5: General Quadratic |
| **Hmwk** | **HW #31**  8.3: 1, 4-9 | **HW #32**  8.3: 2,3,12-15, 17 | **HW #33** | **HW #34** | **HW #35** |
| **Mar**  **25-29**  **Class** | 8.5  [Ch 8\Conic sections review B[1].doc](Ch%208/Conic%20sections%20review%20B%5b1%5d.doc) | Review | **Test** | Bonus problems | Good Friday School Closed |
| **Hmwk** | **HW #36**  8.5: 6-10 | Study for test |  | None |  |
| **April**  **1-5**  **Class** | **Spring Holiday School Closed** |  | 8.8: Rational expressions  [Ch 8\Rational Expressions.pdf](Ch%208/Rational%20Expressions.pdf) | Rational: expressions | Rational: expressions vs. equations  [Ch 8\Rational exp and eq review.pdf](Ch%208/Rational%20exp%20and%20eq%20review.pdf) |
| **Hmwk** |  |  | **HW #37**  8.8:1-5 | **HW #38** | **HW #39** |
| **Apr8-12**  **End of 4 weeks**  **Class** | 8.6: Rational functions: Domain, intercepts, holes, graphs | Graphing rational functions,(HA’s) only) | Graphing rational functions, 2 VA’s (HA’s) only) | Equations from graphs | Review |
| **Hmwk** |  | **HW #40**  8.7: 1-7  Worksheet | 8.7: 8-13 | 8.8: 6-8,11 |  |
| **Apr 15-19**  **Class** | **Test** | 5.2: properties of exponents | **Experience the**  **Arts Day** | [Exponential expressions and equations](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch.%205\Expon.%20exp%20&%20eq.doc) | Rational exponents and Roots |
| **Hmwk** |  | 5.2: 1-7 |  | 5.4: 1-3 | 5.3:1,3,4,7,10,11,14 |
| **Apr 22-26**  **Class** | Graphs of exponential functions  5.1:2-4,7-11 | Graphs of exponential functions | Growth and Decay Applications | Growth and Decay Applications | Interest and half life  [Compound Interest](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch.%205\Compound%20Interest.docx) |
| **Hmwk** | 5.2: |  |  |  | [Half-life models](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\PCH%202010\Ch.%205\half%20life%20models.doc) |
| **Apr 29 –**  **May3**  **Class** | Mastery quiz on graphs and properties  [dep/ind and half-life](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\Alg2H\Ch.%205\exp%20define%20indep%20var%202.doc) | [Power to Reckon With](file:///C:\Documents%20and%20Settings\marianne.lecesne\Desktop\Alg2H\Ch.%205\A%20power%20to%20Reckon%20with2.docx) | 5.4: applications of exp. And Power Functions   5.1: 5,6 | Spring Fling | 5.4: applications of exp. And Power Functions |
| **Hmwk** | 5.4: 5, 11 |  | 5.2: 12,14  5.4: 4,7,9 |  |  |
| **May 6-10**  **Class**  **Grad 5/11** | Review | Review | **Test on Exponentials** | ? | ?  Baccalaureate Grad Sat |
| **Hmwk** |  |  |  |  |  |
| **May**  **13-17**  **Class** | **Last Test** | Review | Review | Review | 1/2 Day Review |
| **Hmwk** |  |  |  |  |  |
| **May**  **20-24**  **Class** |  |  | MATH EXAM |  |  |
| **Hmwk** |  |  |  |  |  |